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Susan A. Marshall
202/857-6110

May 4, 1992

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Federal Communications Commission
Office of the Secretary

Ms. Donna R. Searcy
Secretary
Federal Communications Commission
1919 M Street, N.W.
Washington, D.C. 20554

Re: **Application for Construction Permit for a
New FM Station in Richwood, Ohio
(File No. 920115ME)**

Dear Ms. Searcy:

Submitted herewith, in triplicate, is an amendment to the above-referenced application (File No. 920115ME) for a new FM station to operate on 104.3 MHz at Richwood, Ohio.

This amendment is being filed pursuant to § 73.3522(a)(6) of the Commission's Rules which provides that such minor amendments may be filed for a period of 30 days following the FCC's issuance of a Public Notice announcing the acceptance of the application for tender, which, in this case, was on April 3, 1992. In view of the fact that the 30-day period expired on May 3, 1992, which was a Sunday, this amendment is being filed on the next business day, which is Monday, May 4, 1992.

Please call me if you have any questions concerning the amendment.

Sincerely,

Susan A. Marshall

Susan A. Marshall

SAM/pat

Enclosure

1050 Connecticut Avenue, NW
Washington, DC 20036-5339

Telephone: 202/857-6000
Cable: ARFOX
Telex: WU 892672
ITT 440266
Facsimile: 202/857-6395

8000 Towers Crescent Drive
Vienna, Virginia 22182-2733

7475 Wisconsin Avenue
Bethesda, Maryland 20814-3413

45 Rockefeller Plaza
New York, New York 10111

Arent/Fox Europe
Budapest, Hungary

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FM EXAMINERS

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MAY - 4 1992

AMENDMENT

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Federal Communications Commission
Office of the Secretary

COPIES
The application (File No. 920115ME) of Robert G. and Holly K. Casagrande for a new FM Station to operate on 104.3 MHz at Richwood, Ohio, is hereby amended in accordance with the attached engineering and legal information which should be substituted for their respective counterparts submitted with the original application. The engineering materials are attached hereto as Exhibit A and the legal materials are attached as Exhibit B.

ROBERT G. and HOLLY K. CASAGRANDE

By:

[Signature]

Title:

[Signature]

Date:

4/30/92

Exhibit A

ENGINEERING MATERIALS

The application is hereby amended to reflect a 3-kilowatt rather than a 6-kilowatt operation. The attached engineering materials prepared by John W. Dettison, the applicant's

Section V-B - FM BROADCAST ENGINEERING DATA

FOR COMMISSION USE ONLY

File No. _____

ASB Referral Date _____

Referred by _____

Name of Applicant

Robert G. Casagrande

Call letters (if issued)

Is this application being filed in response to a window? ☒ Yes ☐ No

Amendment to BPH920115ME
If Yes, specify closing date: _____

January 15, 1992

Purpose of Application: (check appropriate boxes)

☐ Construct a new (main) facility

☐ Construct a new auxiliary facility

☐ Modify existing construction permit for main facility

☐ Modify existing construction permit for auxiliary facility

☐ Modify licensed main facility

☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

☒ Antenna supporting-structure height

☒ Effective radiated power

☒ Antenna height above average terrain

☐ Frequency

☒ Antenna location

☐ Class

☐ Main Studio location

☐ Other (Summarize briefly)

File Number(s) Amendment to BPH920115ME

1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
282	Richwood	Union	OH

Class (check only one box below)

☒ A ☐ B1 ☐ B ☐ C3

☐ C2 ☐ C1 ☐ C

2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

10540 Askins Rd. 0.1 mi. East of intersection of Rte. 37; 0.75 mi. North of Magnetic Springs

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	40°	21'	52"	Longitude	83°	15'	39"
----------	-----	-----	-----	-----------	-----	-----	-----

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? ☒ Yes ☐ No

If Yes, give call letter(s) or file number(s) or both.

BPH920113MD

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

SECTION V-8 - FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates?
If Yes, list old coordinates.

☐ Yes ☒ No

Latitude	°	'	"	Longitude	°	'	"
----------	---	---	---	-----------	---	---	---

5. Has the FAA been notified of the proposed construction?

☒ Yes ☐ No

If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available.

Exhibit No.
ONE

Date 4.30.92 Office where filed Great Lakes

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	<u>Baynes</u>	<u>3.4</u>	<u>216°T</u>
(b)	<u>Packer</u>	<u>6.0</u>	<u>036°T</u>

7. (a) Elevation: (to the nearest meter)

(1) of site above mean sea level; 285 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 104.1 meters

(3) of the top of supporting structure above mean sea level [(a)(1) + (a)(2)] 389.1 meters

- (b) Height of radiation center: (to the nearest meter) H - Horizontal; V - Vertical

(1) above ground 98.6 meters (H)

98.6 meters (V)

(2) above mean sea level [(a)(1) + (b)(1)] 383.6 meters (H)

383.6 meters (V)

(3) above average terrain 100 meters (H)

100 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No.
TWO

9. Effective Radiated Power:

- (a) ERP in the horizontal plane

3.0 kw (H) 3.0 kw (V)

- (b) Is beam tilt proposed?

☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field.

 kw (H) kw (V)

-Polarization

Exhibit No.
DNA

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed?

☐ Yes ☒ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.318, including plot(s) and tabulations of the relative field.

Exhibit No.
DNA

11. Will the proposed facility satisfy the requirements of 47 C.F.R. Sections 73.315(a) and (b)?

☒ Yes ☐ No

If No, attach as an Exhibit a request for waiver and justification therefor, including amounts and percentages of population and area that will not receive 8.16 mV/m service.

Exhibit No.
DNA

12. Will the main studio be within the protected 8.16 mV/m field strength contour of this proposal?

☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1126.

Exhibit No.
DNA

13. (a) Does the proposed facility satisfy the requirements of 47 C.F.R. Section 73.207?

☒ Yes ☐ No

(b) If the answer to (a) is No, does 47 C.F.R. Section 73.218 apply?

☐ Yes ☐ No

(c) If the answer to (b) is Yes, attach as an Exhibit a justification, including a summary of previous waivers.

Exhibit No.
DNA

(d) If the answer to (a) is No and the answer to (b) is No, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.

Exhibit No.
DNA

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No.
DNA

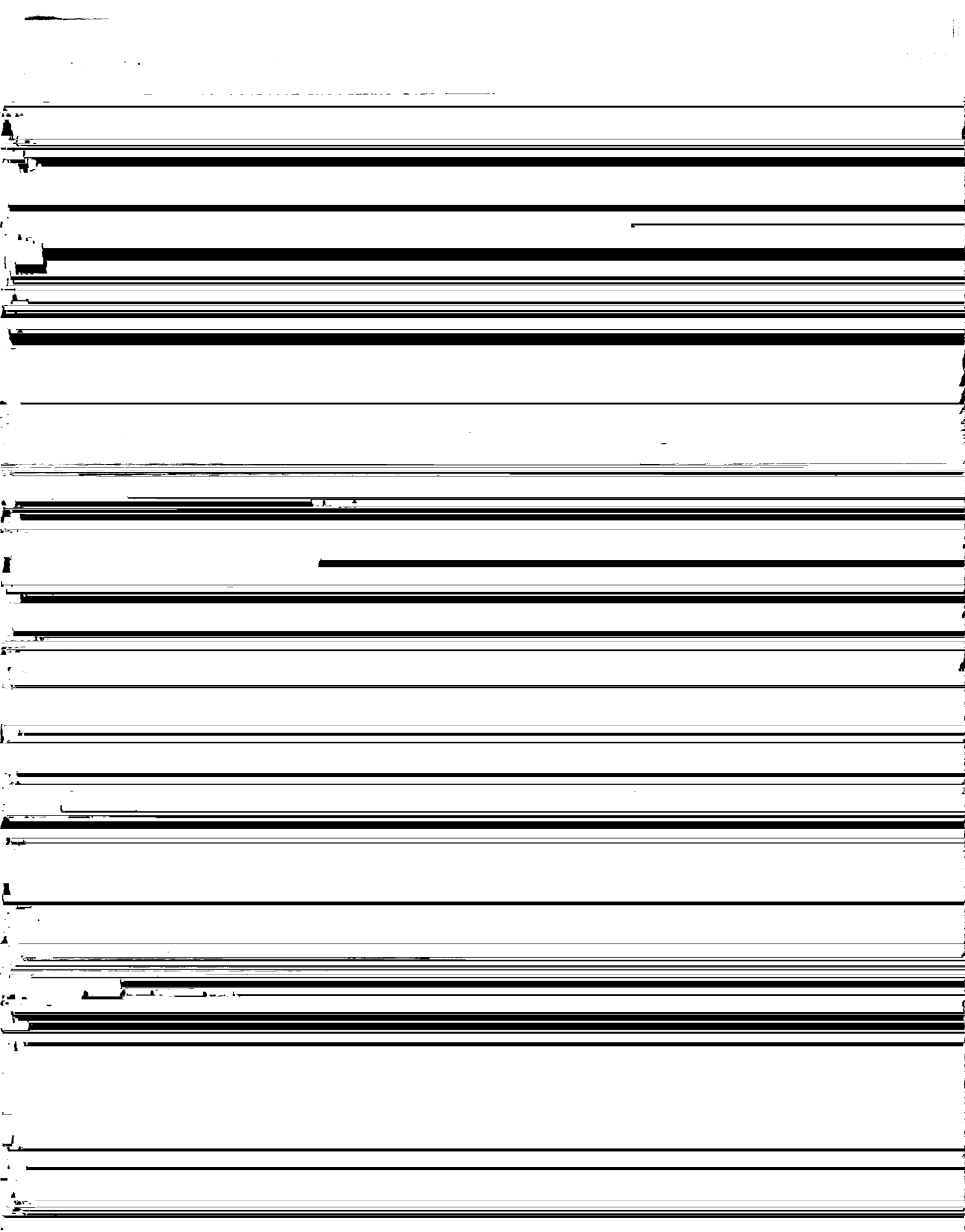
SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 4)

15. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction V. The map must further clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers.

Exhibit No.
THREE

16. Attach as an Exhibit ~~from the source~~ a map which shows clearly, legibly and accurately and

Exhibit No.



ENGINEERING STATEMENT

This Engineering Statement has been prepared in support of an Application to Amend File Number BPH-920115ME, which is a pending application for a new FM station at Richwood, Ohio.

This original application was timely filed under the mistaken impression that the Commission had allocated channel 282A with a power of 6kW ERP. The Report and Order announcing the availability of the channel did not disclose the fact that only 3 kW was proposed. When the error was discovered this Amendment was prepared. The Amendment seeks to reduce the ERP to 3 kW, change the transmitter site, tower and antenna height and HAAT, and thus cure the defect.

It is proposed to relocate the transmitter on a new tower to be erected at 10540 Askins Rd. on the outskirts of Magnetic Springs, Ohio.

Operating as proposed with an HAAT of 100 M, and an ERP of 3.0 kW the 60 dBu contour will encompass 74,531 persons (based on the 1990 US Census) in an area of 1,842 square kilometres. The 70 dBu contour will completely cover the city of license, Richwood.

Interference Considerations

The applicant proposes to use the same tower site as proposed by another pending applicant, file number BPH920113MD, for similar facilities. However, only one station will ultimately operate from the site.

It is not anticipated that interference will be produced by the proposed operation. However, should it arise, the applicant will take whatever actions are necessary to correct interference arising within its blanket contour caused to properly installed receiving equipment, and also to any licensed transmitters within this region. Such correction may include, but is not limited to, the provision of such internal or external filters as may be required and whatever other action is necessary.

Environmental Considerations

The proposed operation will radiate 3 kW both horizontally and vertically, thus producing a total of 6 kW ERP circularly polarized radiation.

According to OST Bulletin Number 85, dated October 1985, Appendix B, Table 1, a minimum height above ground of 18.3 metres is required for either two or four bay antennas radiating 10 kW.

Because the proposed installation will radiate only 6 kW, circularly polarized, with a radiation center of 98.6 metres above ground it is considered that there will be no danger of exposure to nonionizing radiation. In addition, a 6 foot high fence and warning signs, will be placed around the base of the tower. Power will be reduced, or the transmitter shutdown, whenever it is necessary to climb the tower.

Exhibit One is a copy of FAA Form 7460

Exhibit Two is vertical plan sketch of the tower

Exhibit Three is a US Topographical map showing the quadrangle where the proposed site is located.

Exhibit Four is a copy of a US Sectional Aeronautical Chart showing the proposed site, the legal boundaries, the radials used and the proposed 60 and 70 dBu contours.

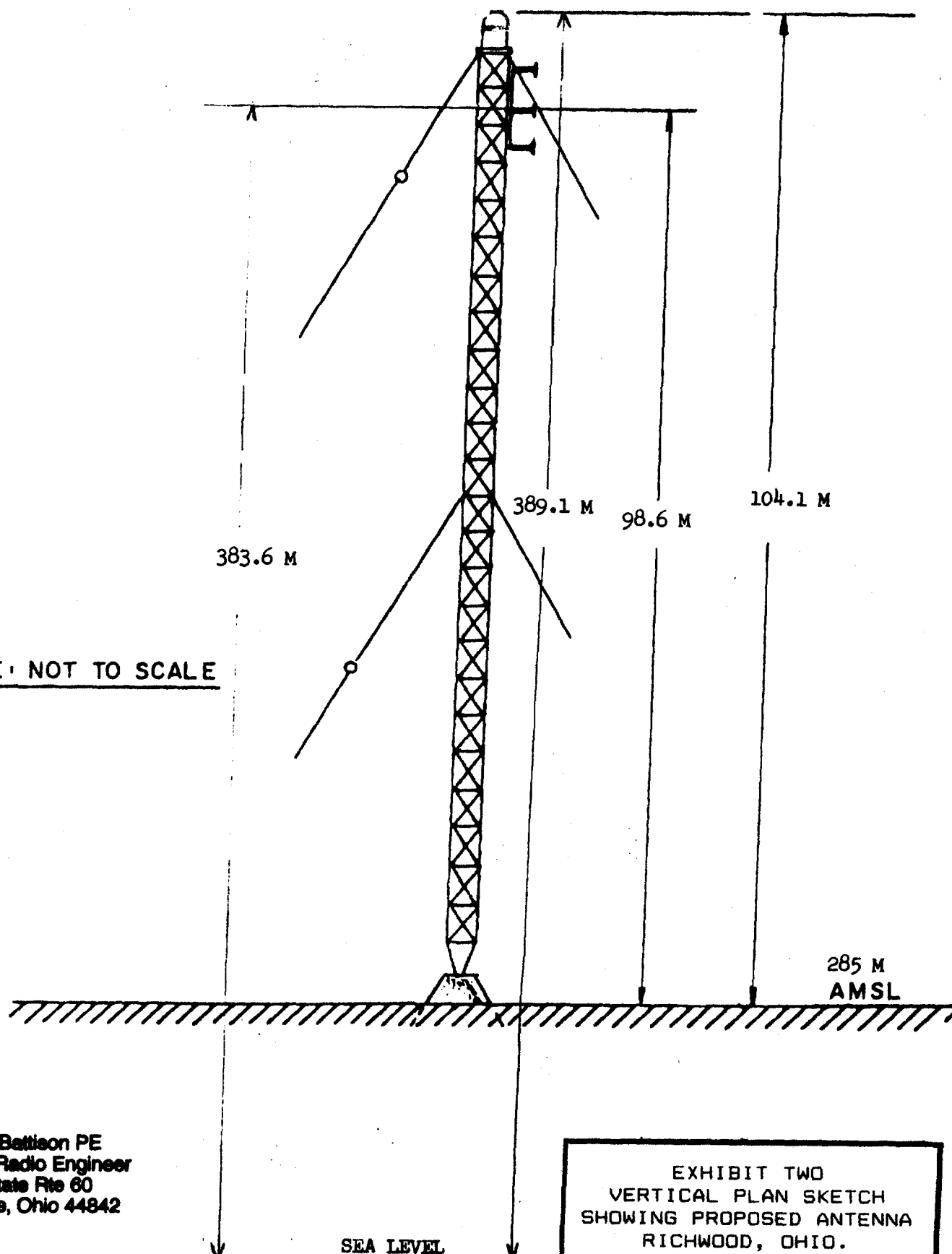
DO NOT REMOVE CARBONS

EXHIBIT ONE

Form Approved OMB No. 2120-0001

U.S. Department of Transportation Federal Aviation Administration			NOTICE OF PROPOSED CONSTRUCTION OR ALTERATION		Aeronautical Study Number
1. Nature of Proposal			2. Complete Description of Structure		
A. Type <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration	B. Class <input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Temporary (Duration _____ months)	C. Work Schedule Dates Beginning <u>When FCC app.</u> End <u>2 mos.</u>	A. Include effective radiated power and assigned frequency of all existing, proposed or modified AM, FM, or TV broadcast stations utilizing the structure. B. Include size and configuration of power transmission lines and their supporting towers in the vicinity of FAA facilities and public airports. C. Include information showing site orientation, dimensions, and construction materials of the proposed structure.		
3A. Name and address of individual, company, corporation, etc. proposing the construction or alteration. (Number, Street, City, State and Zip Code) (614) <u>433-0433</u> area code Telephone Number Robert G. & Hally K. Casagrande 1630 Strathshire Powell OHIO 43065			A. 3kW. ERP. 104.3 MHz. B. none C. 342' tower steel, guyed		
B. Name, address and telephone number of proponent's representative if different than 3 above. John H. Battison PE 2684 State Rte. 60, Loudenville, OHIO. 44842 419/994-3849			(If more space is required, continue on a separate sheet.)		
4. Location of Structure			5. Height and Elevation (Complete to the nearest foot)		
A. Coordinates (To nearest second) 40° 21' 52" Latitude 83° 15' 39" Longitude	B. Nearest City or Town, and State Magazine Springs. OH (1) Distance to AB 0.5 Miles (2) Direction to AB 180°T	C. Name of nearest airport, heliport, flightpark, or seaplane base Bayes (1) Distance from structure to nearest point of nearest runway 3.4km (2) Direction from structure to airport 216°T	A. Elevation of site above mean sea level 935 B. Height of Structure including all appurtenances and lighting (if any) above ground, or water if so situated 341 C. Overall height above mean sea level (A + B) 1276		
D. Description of location of site with respect to highways, streets, airports, prominent terrain features, existing structures, etc. Attach a U.S. Geological Survey quadrangle map or equivalent showing the relationship of construction site to nearest airport(s). (If more space is required, continue on a separate sheet of paper and attach to this notice.) 10540 Askins Rd. 0.75 mi. north of Magnetic Springs. See map Springs					
Notice is required by Part 77 of the Federal Aviation Regulations (14 C.F.R. Part 77) pursuant to Section 1101 of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1101). Persons who knowingly and willingly violate the Notice requirements of Part 77 are subject to a fine (criminal penalty) of not more than \$500 for the first offense and not more than \$2,000 for subsequent offenses, pursuant to Section 902(a) of the Federal Aviation Act of 1958, as amended (49 U.S.C. 1472(a)).					
I HEREBY CERTIFY that all of the above statements made by me are true, complete, and correct to the best of my knowledge. In addition, I agree to obstruction mark and/or light the structure in accordance with established marking & lighting standards if necessary.					
Date 4.30.92	Typed Name/Title of Person Filing Notice John H. Battison PE		Signature <i>John H. Battison</i> PE		
FOR FAA USE ONLY			FAA will either return this form or issue a separate acknowledgement.		
The Proposal:			Supplemental Notice of Construction: FAA Form 7460-2 is required any time the project is abandoned, or		
<input type="checkbox"/> Does not require a notice to FAA.			<input type="checkbox"/> At least 30 hours before the start of construction.		
<input type="checkbox"/> Is not identified as an obstruction under any standard of FAR, Part 77, Subpart C, and would not be a hazard to air navigation.			<input type="checkbox"/> Within 100 miles after the construction reaches its greatest height.		
<input type="checkbox"/> Is identified as an obstruction under the standards of FAR, Part 77, Subpart C, but would not be a hazard to air navigation.			This information should be submitted to the nearest FAA office or the nearest FAA office in the vicinity of the construction site. If the construction is subject to the licensing authority of the Federal Communications Commission and an application for a construction permit is made to the FCC on or before the above expiration date, in such case the construction permit on file with the FCC for purposes of construction, or other date.		
<input type="checkbox"/> Should be obstruction <input type="checkbox"/> marked					
<input type="checkbox"/> Lighting per FAA Advisory Circular TO/ASST. Chapter 1					
<input type="checkbox"/> Obstruction marking and lighting are not necessary.					
Remarks:					
Inspected by:					

NOTE: NOT TO SCALE



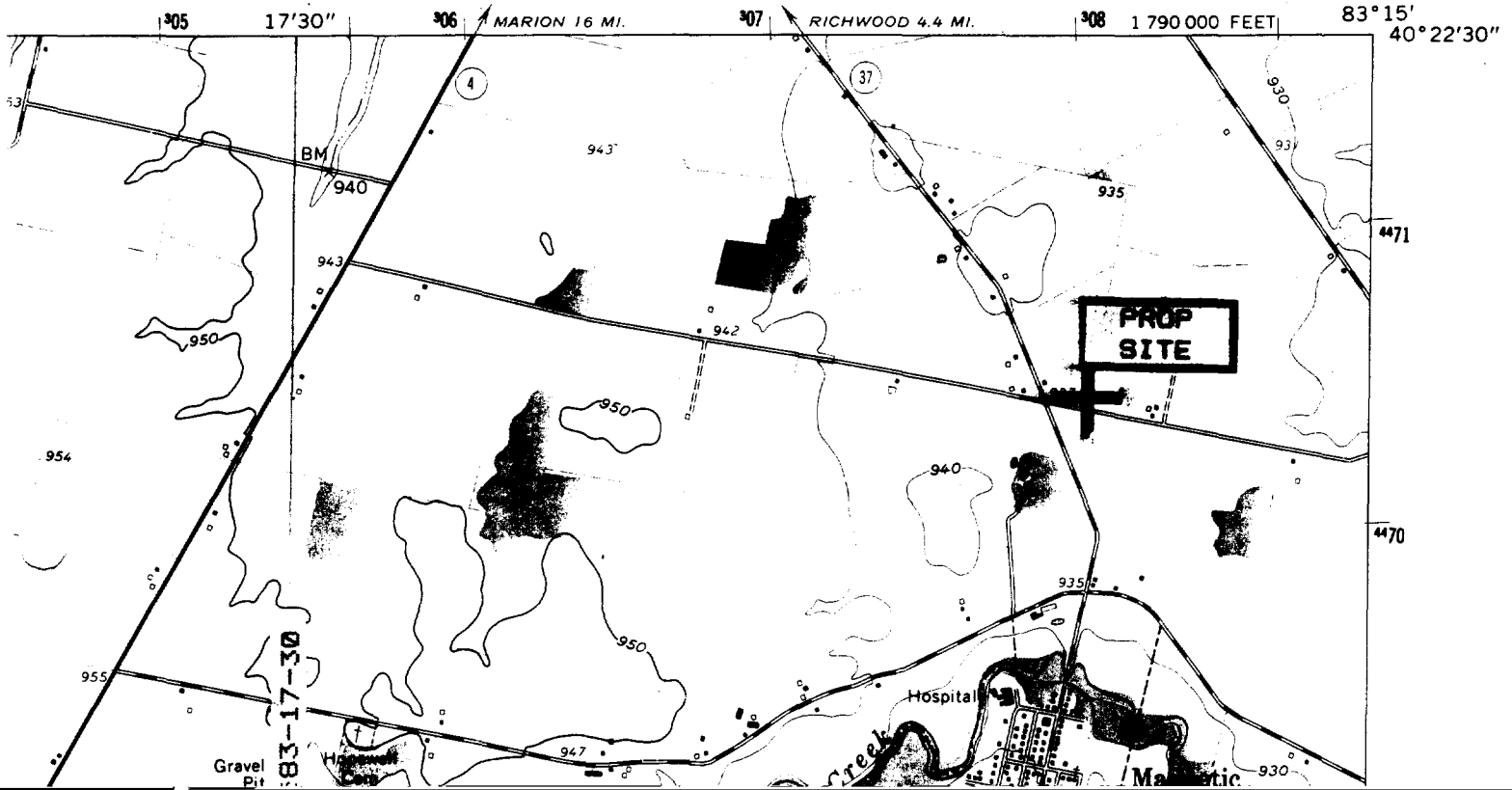
John H. Battison PE
Consulting Radio Engineer
2684 State Rte 60
Loudonville, Ohio 44842

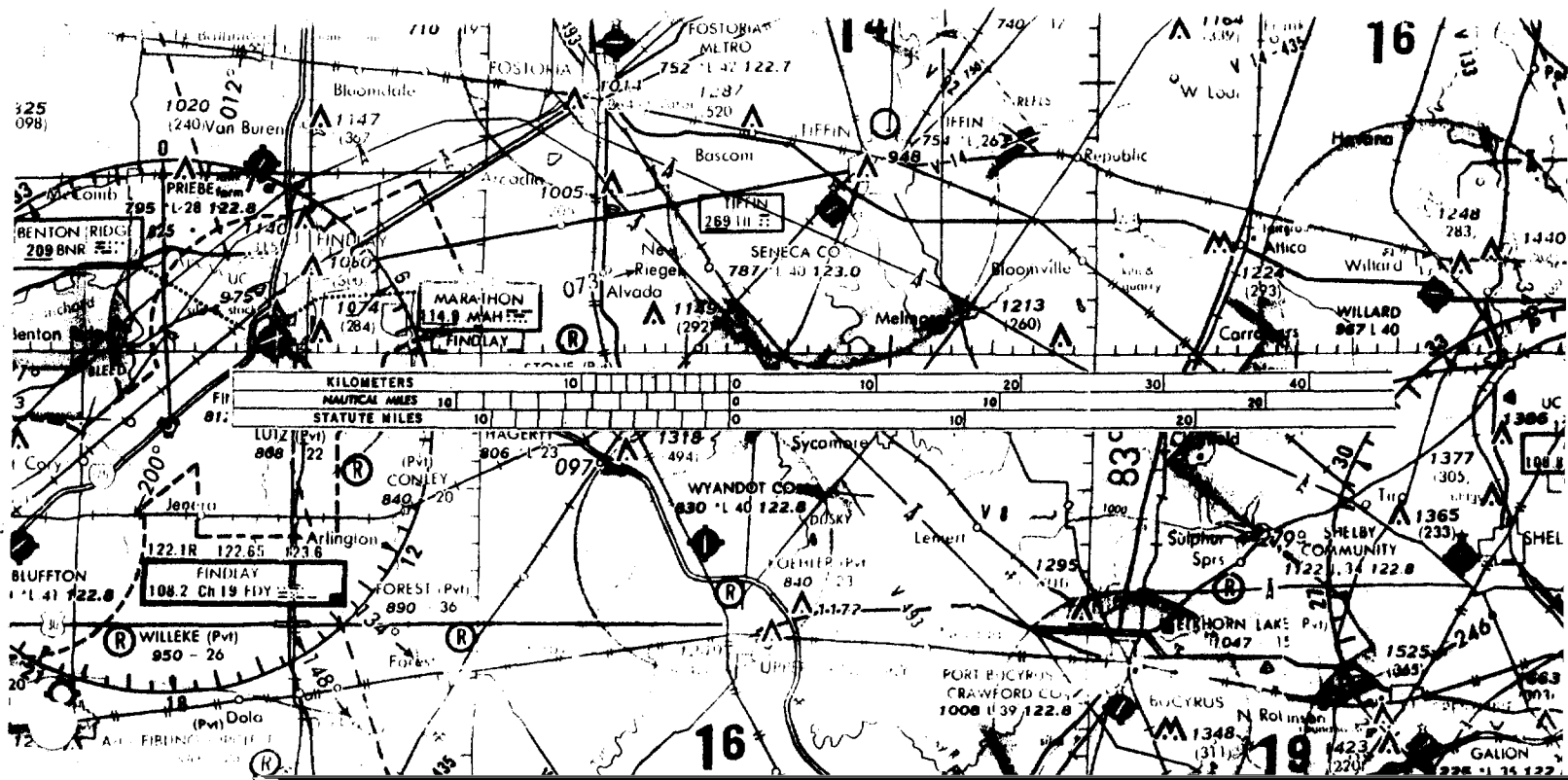
EXHIBIT TWO
VERTICAL PLAN SKETCH
SHOWING PROPOSED ANTENNA
RICHWOOD, OHIO.

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF GEOLOGICAL SURVEY

MAGNETIC SPRINGS QUADRANGLE
OHIO-UNION CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

4384 1 NW
(PROSPECT)





SECTION VI - EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees?

☐ Yes ☒ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 305-A).

SECTION VII - CERTIFICATIONS

1. Has or will the applicant comply with the public notice requirement of 47 C.F.R. Section 73.3520?

☒ Yes ☐ No

2. Has the applicant reasonable assurance, in good faith, that the site or structure proposed in Section V of this form, as the location of its transmitting antenna, will be available to the applicant for the applicant's intended purpose?

☒ Yes ☐ No

If No, attach as an Exhibit a full explanation.

Exhibit No.
DNA

3. If reasonable assurance is not based on applicant's ownership of the proposed site or structure, applicant certifies that it has obtained such reasonable assurance by contacting the owner or person possessing control of the site or structure.

Name of Person Contacted

Everett E. Dotson

Telephone No. (include area code)

(513) 348-2289 or 2200

Person contacted: (check one box below)

☒ Owner

☐ Owner's Agent

☐ Other (specify)

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. (See Section 300 of the Communications Act of 1934, as amended.)

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission through amendments, of any substantial and significant changes in information furnished.

Exhibit B

LEGAL INFORMATION

The application is hereby amended to reflect Robert G. Casagrande, as the sole individual applicant rather than Robert G. and his wife, Holly K. Casagrande, as individual applicants. Mr. Casagrande's business as well as his local residence address is 1630 Strathshire, Powell, Ohio 43065 [telephone no. (614) 433-0433].

Mr. Casagrande will be the Richwood station's full-time (40 hours a week) General Manager. He will perform all of the duties normally associated with that position, including the overall supervision of station affairs, preparation of budget and hiring and firing of personnel.

Mr. Casagrande will claim qualitative credit for his following broadcast experience:

Station WRFD(AM), Columbus, Ohio, full-time employee as production assistant, part-time announcer, 1974-1976

Station WBBY(FM), Westerville, Ohio, full-time announcer, 1976-1979

Station WTVN(AM), Columbus, Ohio, full-time announcer, 1979-1981

Station WXGT(FM), Columbus, Ohio, full-time announcer, 1981-1984

Co-owner of private telephone business, 1984-1986

Stations at WZZT(FM), Johnstown, Ohio and WPNM(FM), Ottawa, Ohio, co-owner, president and general manager, 1986-1988

MM Group Inc., licensee of Sstations WWHT(FM), Marysville, Ohio, WNRJ(AM)/WTLT(FM), Circleville, Ohio, WCSJ(AM)/WCFL(FM), Morris, Illinois, and WQTL(FM), Ottawa, Ohio, co-owner officer and director, 1988-present.

As noted in the original application, Mr. Casagrande is in the process of divesting his interest in the radio stations listed above and, if his Richwood application is granted, will fully divest his interest in and sever all connections with, all of those stations prior to the commencement of program tests by the new Richwood station.